

# Maine Weekly Influenza Surveillance Report

April 12, 2011



For MMWR week 14 (ending 04/09/11)

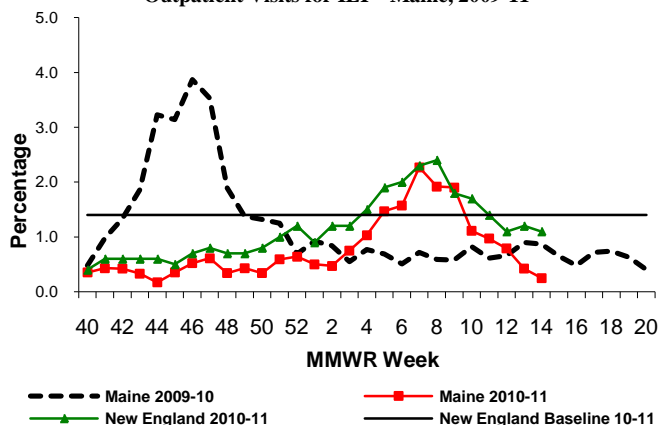
## New This Week

- Federal Flu Code: Widespread
- 4 new outbreaks of influenza

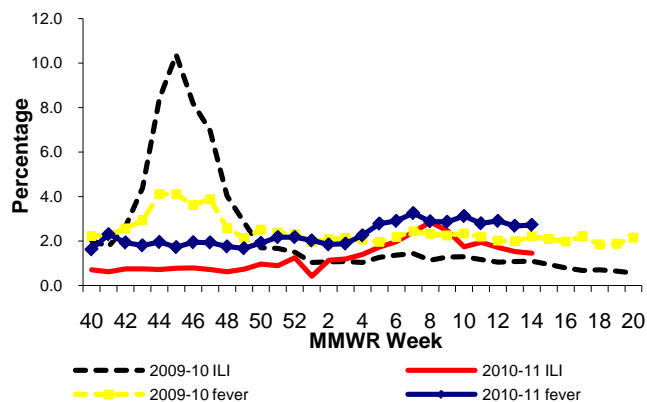
## Surveillance Information – Maine, 2010-2011 Influenza Season

- Number of ILINet Providers reporting: 18
  - % of visits for Influenza-Like Illness (ILI): 0.25
- Number of Emergency Departments participating: 24
  - % of visits for ILI: 1.45
  - % of visits for fever: 2.72
- Number of Hospitals reporting: 3
  - % of admissions due to Pneumonia & Influenza (P&I): 6.5
- Number of Vital Statistics Office Reporting: 1
  - % of deaths due to P&I: 11.8

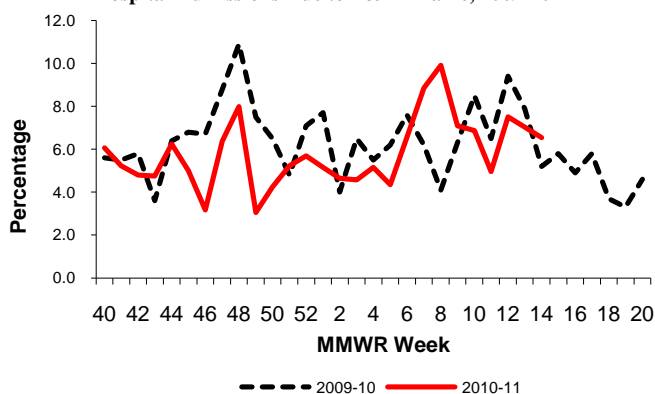
Outpatient Visits for ILI – Maine, 2009-11



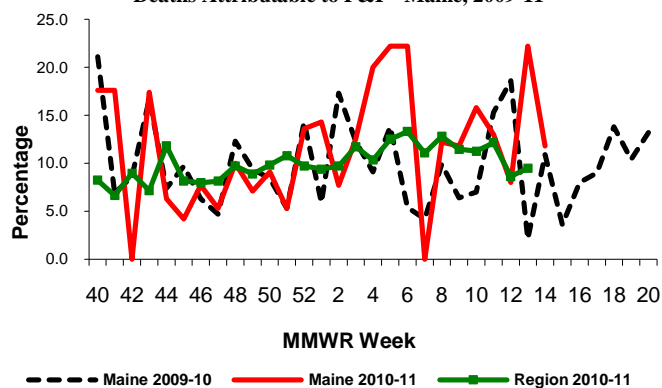
Emergency Department Visits for ILI and Fever – Maine, 2009 -11



Hospital Admissions Due to P&I – Maine, 2009-2011



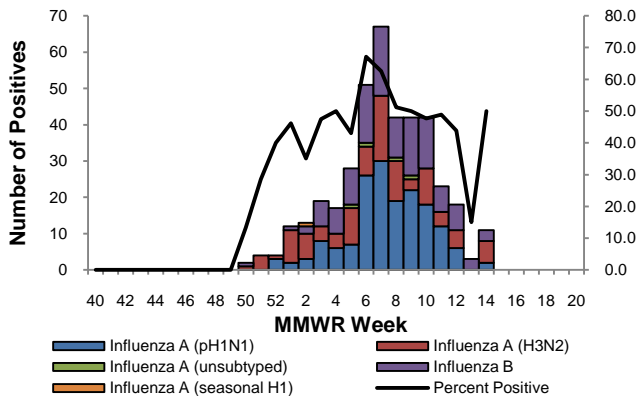
Deaths Attributable to P&I – Maine, 2009-11



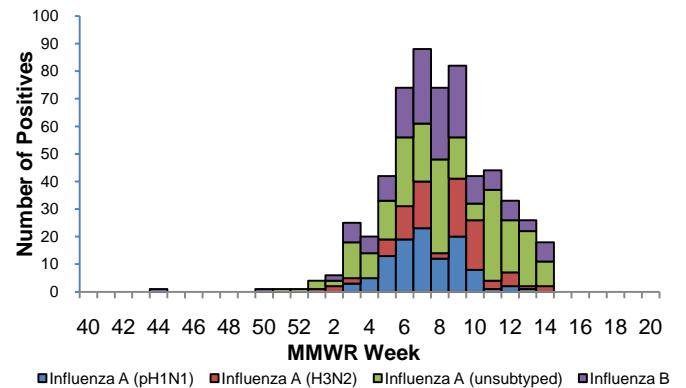
## Lab Data – Maine, 2010-2011 Influenza Season

- # of samples tested at HETL: 22
  - # positive: 11
  - % positive: 50.0
- # of samples positive at Maine Reference Labs: 17
- # of samples positive at National Reference Labs: 1
- # of samples positive by rapid antigen test: 12

Positive PCR Samples for Influenza, HETL – Maine, 2010-2011



Positive PCR Samples for Influenza, Maine and National Reference Labs – Maine, 2010-2011



## Antiviral Resistance – Maine, 2010-11 Influenza Season

- # of Influenza A (pH1N1) samples tested for Tamiflu resistance at HETL: 130
- # with resistance: 1

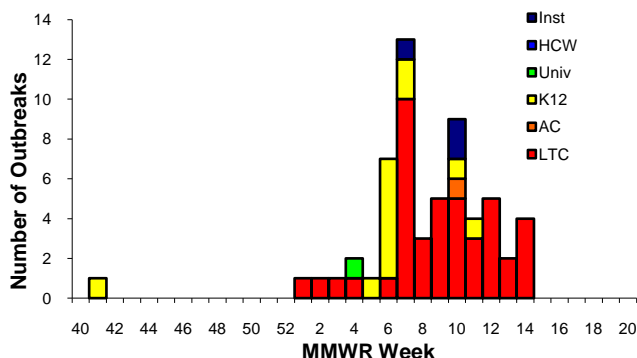
## Antigenic Characterization (Vaccine Match)

- Federal CDC has antigenically characterized 1,556 influenza viruses since 10/1/2010. Of these 99.7% of influenza A/pH1N1 samples match the vaccine, 95.9% of influenza A/H3 samples match the vaccine, and 94.3% of influenza B samples match the vaccine.

## Influenza-Like Illness Outbreaks – Maine, 2010-11 Influenza Season

- # new outbreaks: 4

Influenza-Like Illness Outbreaks by Facility Type - Maine, 2010-11



### Outbreak Facility Type Key:

LTC - Long Term Care Facility  
 AC - Acute Care Facility (nosocomial)  
 K12 - School (K-12) or daycare  
 Univ - School (residential) or University  
 HCW - Health care workers  
 Inst - Other institutions (workplaces, correctional facilities etc)

## Pediatric Influenza Deaths

- 1 pediatric influenza-associated death reported from York in a vaccinated child

## National Influenza Surveillance Data

Source: <http://www.cdc.gov/flu/weekly/>

**Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILInet**  
**2010-11 Influenza Season Week 13 ending Apr 02, 2011**

